

# RHODES AMERICAN

## *A Fluid* ENTERPRISES COMPANY

### MATERIAL SAFETY DATA SHEETS

#### 1. CHEMICAL PRODUCT & COMPANY INFORMATION

Product Name: **STEEL WOOL** Emerg. Phone: 800-255-3924  
Manufacturer: Rhodes American Preparation Date: April 19, 1999  
1540 E. Dundee Road Suite 210  
Palatine, IL 600623  
Info. Phone #: 800-621-8934 (E-mail rhodesamerican.com)  
Hazard Characteristic Code: N1  
Container Quantity: 60 – 130 grams per bag/sleeve Type of Container: Poly Bag  
Chipboard

#### 2. COMPOSITION/INGREDIENTS

##### NONHAZARDOUS INGREDIENTS

STEEL	100%	
	<u>CAS#</u>	<u>NIOSH(RTECS)</u>
Fe - 98%	7439-89-6	N06925000
C - .07 - .14%	7440-44-0	FF5800000
Mn - .95% max.	7439-96-5	009275000
P - .08% max.		
S - .05% max.		
Si - .35%		

#### 3. PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance & Odor: GRAY FINE STEEL FIBER, NO ODOR  
Boiling Point: 2750 degrees C  
Melting Point: 1535 degrees C  
Vapor Pressure (mm Hg/70 F): N/A  
Vapor Density (Air = 1): N/A  
Specific Gravity(Water = 1): 7.8  
Evaporation Rate: N/A  
Solubility in Water: NOT SOLUBLE

#### 4. FIRE & EXPLOSION HAZARD DATA

Flash Point: 250 Degrees C Flammable Limits: LEL: N/A  
Extinguishing Media: Water/Carbon Dioxide UEL: N/A  
Special Fire Fighting Procedure: WEAR NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE EQUIPMENT (FP N).  
Unusual Fire & Explosion Hazards: AVOID CONTACT WITH INCOMPATIBLE MATERIAL.

#### 5. REACTIVITY DATA

Stability: Stable  
Conditions To Avoid: AVOID CONTACT WITH OPEN FLAMES & ELECTRICITY.  
Incompatibility (materials to avoid): SODIUM CARBIDE, HALOGENS, PEROXIDE, NITRIC  
OXIDE, SULFURIC ACID.  
Hazardous Decomposition Products: HYDROGEN IS FORMED WHEN IN CONTACT WITH  
MINERAL ACIDS.  
Hazardous Polymerization: NO.  
Conditions To Avoid (Poly): NOT RELEVANT

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**6. HEALTH HAZARD DATA**

LD50-LC50 Mixture: NOT GIVEN FOR PRODUCT AS A WHOLE  
Route Of Entry      Inhalation:      YES      Skin:      NO      Ingestion:      YES  
Health Hazards Acute & Chronic: NONE APPLICABLE  
Carcinogenicity      NTP:      NO      IARC:      NO      OSHA:      NO  
Explanation of Carcinogenicity: CONTAINS NO INGREDIENTS THAT ARE CARCINOGENS OR SUSPECTED CARCINOGENS.  
Signs/Symptoms of Exposure:      EYE IRRITATION  
Medical Condition Aggravated by Exposure:      UPPER RESPIRATORY DISEASE.  
Emergency/First Aid Procedures:      IRRIGATE EYES – CALL PHYSICIAN IMMEDIATELY.

**7. PRECAUTIONS FOR SAFE HANDLING & USE**

Steps if Material Released/Spilled: SWEEP UP MATERIAL FOR DISPOSAL. GLOVE RECOMMENDED.  
Neutralizing Agent:      NONE  
Waste Disposal Method:      GENERAL BULK DISPOSAL  
Precautions-Handling/Storing:      USE PROTECTIVE GLOVES. STORE AWAY FROM OXIDIZING AGENTS & MINERAL ACIDS.  
Other Precautions:      NONE

**8. CONTROL MEASURES**

Respiratory Protection:      NIOSH APPROVED DUST MASK.  
Ventilation:      LOCAL EXHAUST  
Protective Gloves:      WORK GLOVES RESISTANT TO ABRASION.  
Eye Protection:      GOGGLES RECOMMENDED.  
Other Protective Clothing & Equipment:      NONE  
Work Hygienic Practices:      WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING & DRINKING.  
Supplier Safety & Health Data:      NONE

**9. TRANSPORTATION DATA**

DOT PSN Code: NONE	DOT Proper Shipping Name:	NOT REGULATED.
IMO PSN Code: NONE	IMO Proper Shipping Name:	NOT REGULATED.
IATA PSN Code: NONE	IATA Proper Shipping Name:	NOT REGULATED.
AFI PSN Code: NONE	AFI Proper Shipping Name:	NOT REGULATED.

**10. DISPOSAL DATA**

NOT APPLICABLE

**11. LABEL DATA**

Label Required: YES	MFR Label Number:	NONE
Label Status: F	Common Name:	STEEL WOOL FIBERS
Chronic Hazard: NO	Signal Word:	CAUTION!
Acute Health Hazard: NONE		
Contact Hazard: NONE		
Fire Hazard: SLIGHT		
Reactivity Hazard: SLIGHT		